UNITED STATES PATENT AND TRADEMARK OFFICE

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/677,074	09/29/2000	Scott R. Sargent	10022/041	2139

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EXAMINER
WON, YOUNG N

ART UNIT	PAPER NUMBER
2155	

DATE MAILED: 12/31/2003

Please find below and/or attached an Office communication concerning this application or proceeding.

PTO-90C (Rev. 10/03)

Office Action Summary	Application No.	Applicant(s)
	09/677,074	SARGENT, SCOTT R.
	Examiner	Art Unit
	Young N Won	2155

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE _3_ MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.
- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133).
- Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

1)☒ Responsive to communication(s) filed on _29 September 2000_.

2a)☐ This action is **FINAL**.   2b)☒ This action is non-final.

3)☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

4)☒ Claim(s) _1-29_ is/are pending in the application.

    4a) Of the above claim(s) _____ is/are withdrawn from consideration.

5)☐ Claim(s) _____ is/are allowed.

6)☒ Claim(s) _1-29_ is/are rejected.

7)☐ Claim(s) _____ is/are objected to.

8)☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

9)☐ The specification is objected to by the Examiner.

10)☐ The drawing(s) filed on _____ is/are: a)☐ accepted or b)☐ objected to by the Examiner.

    Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).

    Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).

11)☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. §§ 119 and 120

12)☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).

    a)☐ All b)☐ Some * c)☐ None of:

      1.☐ Certified copies of the priority documents have been received.

      2.☐ Certified copies of the priority documents have been received in Application No. _____.

      3.☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

    * See the attached detailed Office action for a list of the certified copies not received.

13)☒ Acknowledgment is made of a claim for domestic priority under 35 U.S.C. § 119(e) (to a provisional application) since a specific reference was included in the first sentence of the specification or in an Application Data Sheet. 37 CFR 1.78.

    a) ☐ The translation of the foreign language provisional application has been received.

14)☐ Acknowledgment is made of a claim for domestic priority under 35 U.S.C. §§ 120 and/or 121 since a specific reference was included in the first sentence of the specification or in an Application Data Sheet. 37 CFR 1.78.

Attachment(s)

1)☒ Notice of References Cited (PTO-892)

2)☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)

3)☒ Information Disclosure Statement(s) (PTO-1449) Paper No(s) _4, 10 & 12_.

4)☐ Interview Summary (PTO-413) Paper No(s). _____.

5)☐ Notice of Informal Patent Application (PTO-152)

6)☐ Other: .

DETAILED ACTION

1.   Claims 1-29 have been examined and are pending with this action.

Claim Rejections - 35 USC § 102

The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that

form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(e) the invention was described in a patent granted on an application for patent by another filed in the
United States before the invention thereof by the applicant for patent, or on an international application
by another who has fulfilled the requirements of paragraphs (1), (2), and (4) of section 371(c) of this
title before the invention thereof by the applicant for patent.

The changes made to 35 U.S.C. 102(e) by the American Inventors Protection Act

of 1999 (AIPA) do not apply to the examination of this application as the application

being examined was not (1) filed on or after November 29, 2000, or (2) voluntarily

published under 35 U.S.C. 122(b). Therefore, this application is examined under 35

U.S.C. 102(e) prior to the amendment by the AIPA (pre-AIPA 35 U.S.C. 102(e)).

2.   Claims 1-29 are rejected under 35 U.S.C. 102(e) as being anticipated by

Bowman-Amuah (US 6289382 B1).

INDEPENDENT:

As per claim 1, Bowman-Amuah teaches of a base services architecture for a netcentric computing system (see Fig. 28; col.25, lines 55-57; and col.106, lines 8-15) comprising, at least one web server connected with an Internet connection (see col.106, lines 20-22) and at least one client (see col.106, line 26); and at least one web server service (see Fig.28, #2820), at least one push/pull service (see Fig.28, #2840), at least one workflow service (see Fig.28, #2890), at least one batch processing service (see Fig.28, #2860) and at least one report service (see Fig.28, #2880) located on said web server.

As per claims 17 and 28, Bowman-Amuah teaches a method of and a base services architecture for a netcentric computing system (see Fig. 28; col.25, lines 55-57; and col.106, lines 8-15), comprising: at least one web server connected with an Internet connection (see col.106, lines 20-22) and at least one client, wherein said client includes a web browser (see col.106, lines 26-31); a web server service located on said web server, wherein said web server service enables said web server to transfer and publish a plurality of documents in said web browser on said client (see col.106, lines 19-31); a push/pull service on said web server for automatically notifying members of a subscriber list on said netcentric computing system when a particular piece of information has been changed or updated (see col.107, lines 13-16); a workflow service on said web server that includes role management services, route management services, rule management services and queue management services (see col.115, lines 17-36); a batch processing service on said web server that includes batch driver services, restart/recovery services, batch balancing services and batch report services

(see col.107, line 49 to col.108, line 17; and col.193, lines 12-15); and a report service

on said web server that includes report driver services, report definition services, report

build services and report distribution services (see col.108, lines 35-47).

As per claim 29, Bowman-Amuah teaches of a batch application framework for a

netcentric computing system (see Fig. 28; and col.107, line 49-col.108, line 17),

comprising: at least one batch application (see col.107, lines 65-67); a driver program

for controlling said batch application (see col.107, lines 50-56 & 65-67: inherent since

Bowman-Amuah teach of a batch application program with scheduling, recovery/restart,

and performance monitoring functions); a system log for holding error, warning, and

status messages that are generated by said batch application during execution of said

batch application (see col.100, lines 31-35 & 64-67; and col.101, lines 4-7); at least one

flat file for storing a plurality of data files that are used by said batch application (see

col.188, lines 3-6); at least one data storage table comprising relational databases that

store data that is processing by said batch application (see col.110, lines 52-54:

"internal database table"); a program run log that records statistics related to a single

execution of said batch application (see col.100, lines 32-34); a program status file

containing a flag for indicating the successful run of said batch application (see col.199,

lines 19-20); a batch control table that is used to control restart processing and run-time

parameters for said batch application (see col.261, lines 57-67); a posting control table

that contains total numeric fields used in said data storage table (see col.52, lines 61-

67); and a run control table for monitoring the status and size of said flat files (see

col.110, lines 52-54: "report status table").

DEPENDENT:

As per claim 2, Bowman-Amuah further teaches wherein said web server service enables said web server to transfer and publish a plurality of documents in a web browser on said client (see claim 17 rejection above).

As per claims 3 and 18, Bowman-Amuah further teaches wherein said documents are transferred to said web browser in an HTML format (see col.2, lines 4-7; col.15, lines 12-16; and col.106, lines 24-25).

As per claims 4 and 19, Bowman-Amuah further teaches wherein said web server service enables said web server to transfer and execute a plurality of software applications in a web browser on said client (see claim 17 rejection above).

As per claims 5 and 20, Bowman-Amuah further teaches wherein said web server service is capable of processing scripts on said web server in response to requests by said client (see col.106, lines 35-43).

As per claims 6 and 21, Bowman-Amuah further teaches wherein said scripts may be selected from the group consisting of common gateway interface scripts and active server page scripts (see col.106, lines 35-43).

As per claims 7 and 22, Bowman-Amuah further teaches wherein said web server service caches a plurality of web pages that are generated by said web server in response to requests from said client (see col.106, lines 44-57).

As per claim 8, Bowman-Amuah further teaches wherein said push/pull service automatically notifies members of a subscriber list on said netcentric computing system

when a particular piece of information has been changed or updated (see claim 17
rejection above).

As per claims 9 and 23, Bowman-Amuah further teaches wherein said workflow
service uses said web server to control a plurality of business tasks that must be
completed to process a business event in said netcentric computing system (see
col.107, lines 65-67).

As per claim 10, Bowman-Amuah further teaches wherein said workflow service
includes role management services, route management services, rule management
services and queue management services (see claim 17 rejection above).

As per claim 11, Bowman-Amuah further teaches wherein said batch processing
service includes batch driver services, restart/recovery services, batch balancing
services and batch report services (see claim 17 rejection above).

As per claims 12 and 24, Bowman-Amuah further teaches wherein said batch
driver services control execution of at least one batch application in said netcentric
computing system (see col.107, lines 50-56 & 65-67 and col.193, lines 12-15: it is
inherent since Bowman-Amuah teaches of a batch application program which includes
scheduling, recovery/restart, performance monitoring, ect., and since drivers are known
in the art for providing control structure and framework).

As per claims 13 and 25, Bowman-Amuah further teaches wherein said
restart/recovery services automatically recover and restart a batch application if an error
event is experienced while the netcentric computing system is processing said batch
application (see col.47-49).

As per claims 14 and 26, Bowman-Amuah further teaches wherein said batch balancing service tracks run-to-run balances and totals of a plurality of predetermined data values for at least one batch application (see col.215, lines 7-10).

As per claims 15 and 27, Bowman-Amuah further teaches wherein said batch report services include at least one report application that automatically generates a predetermined report which summarizes the execution of a respective batch application on said netcentric computing system (see col.108, lines 55-67), wherein said report may be selected from the group consisting of an e-mail file, a printed document, a fax, an electronic archive file and an HTW document (see col.108, lines 30-32).

As per claim 16, Bowman-Amuah further teaches wherein said report services include report driver services, report definition services, report build services and report distribution services (see claim 17 rejection above).

3.   Any inquiry concerning this communication or earlier communications from the examiner should be directed to Young N Won whose telephone number is 703-605-4241. The examiner can normally be reached on M-Th: 8AM-6PM.
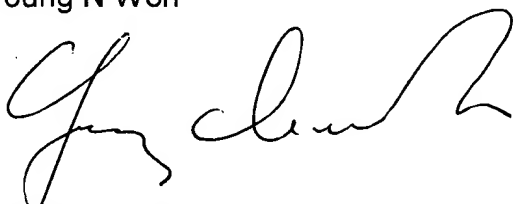
If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Hosain T Alam can be reached on 703-308-6662. The fax phone number for the organization where this application or proceeding is assigned is 703-872-9306.

Any inquiry of a general nature or relating to the status of this application or

proceeding should be directed to the receptionist whose telephone number is 703-305-

3900.

Young N Won

December 23, 2003

HOSAIN ALAM
SUPERVISORY PATENT EXAMINER